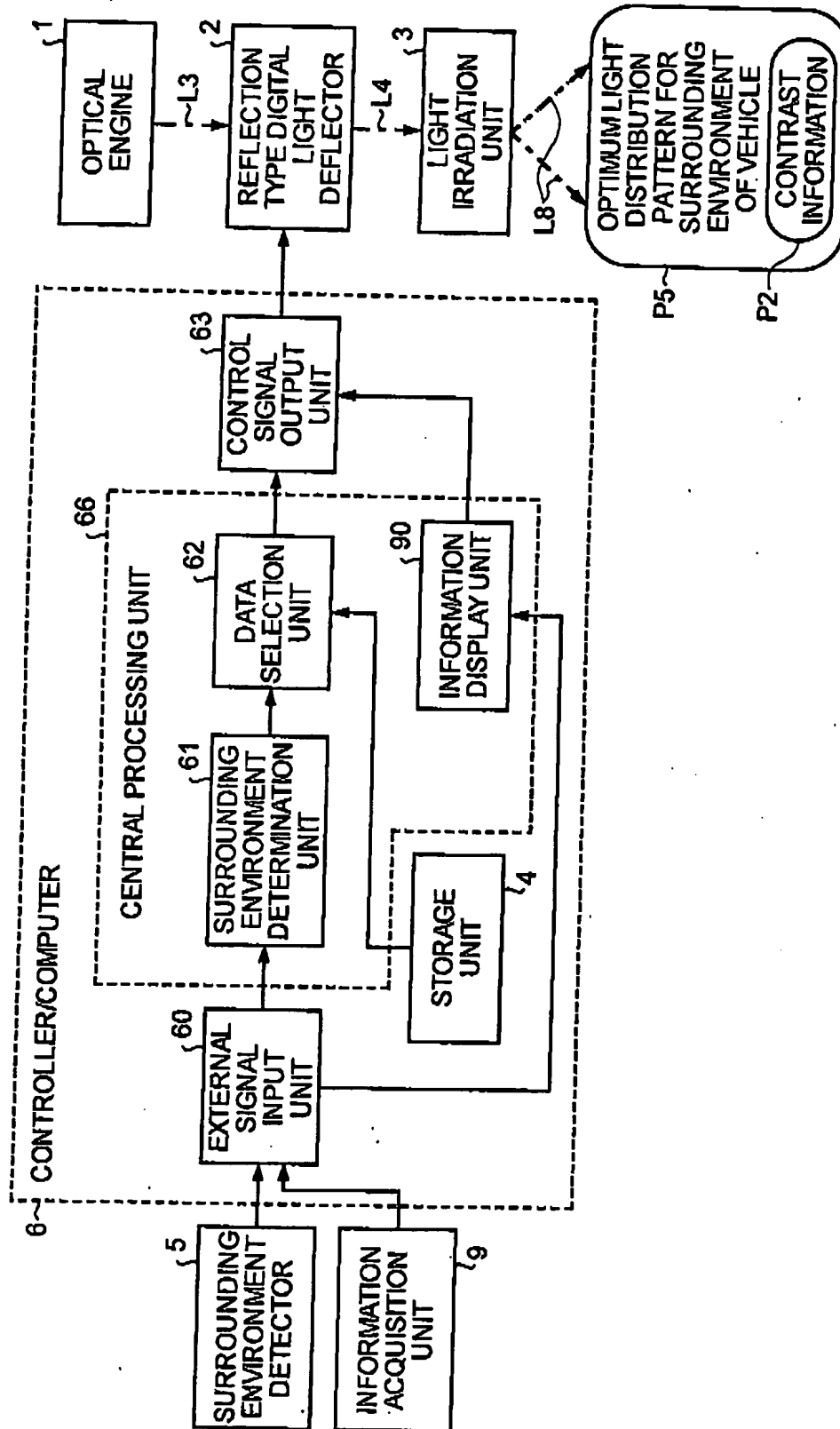
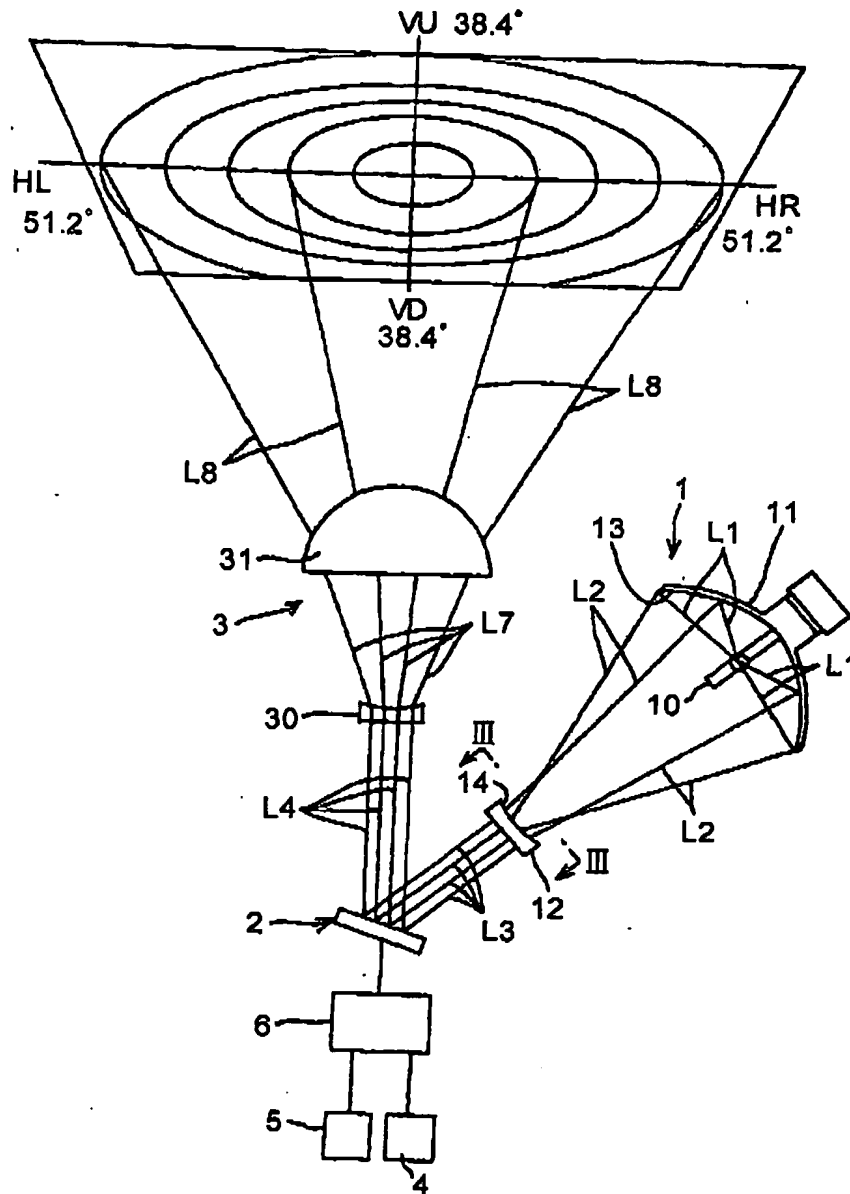


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FIG.1





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FIG.3

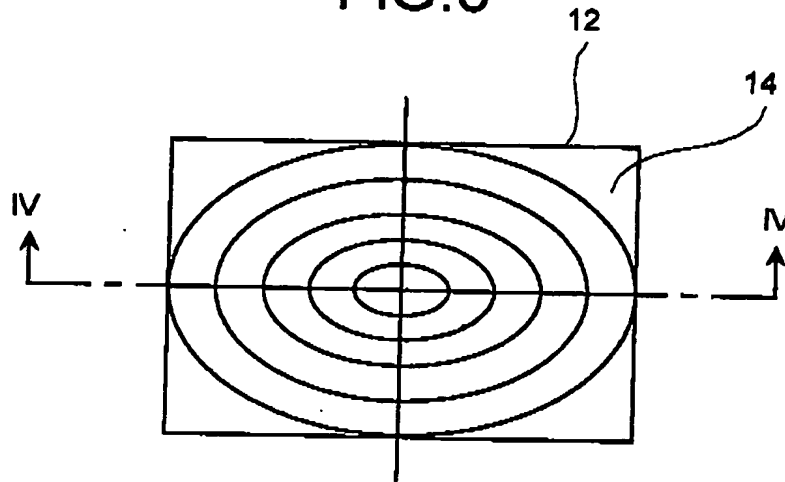
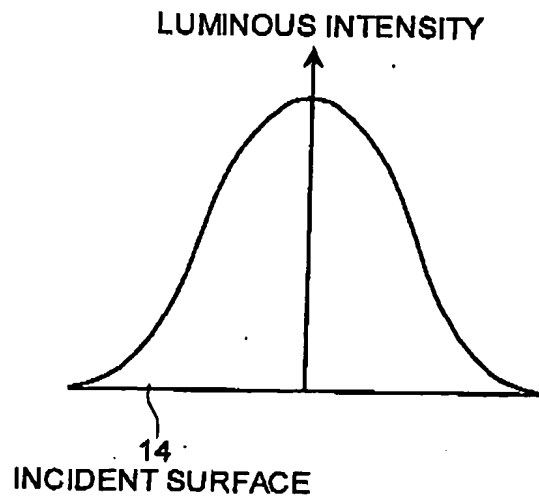


FIG.4



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FIG.5

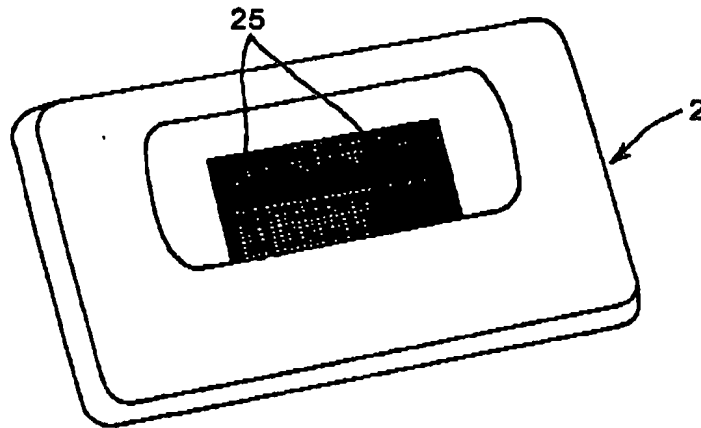


FIG.6

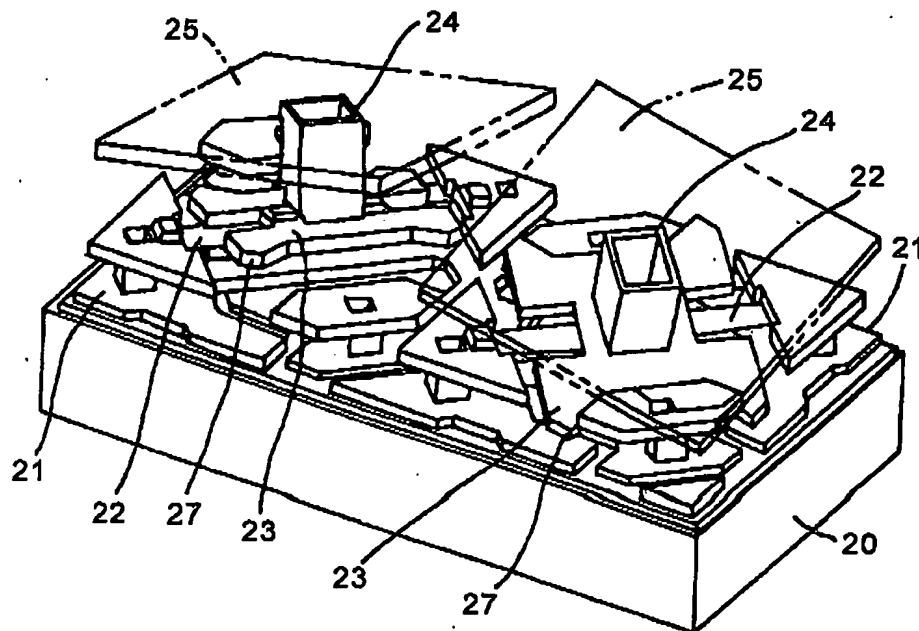
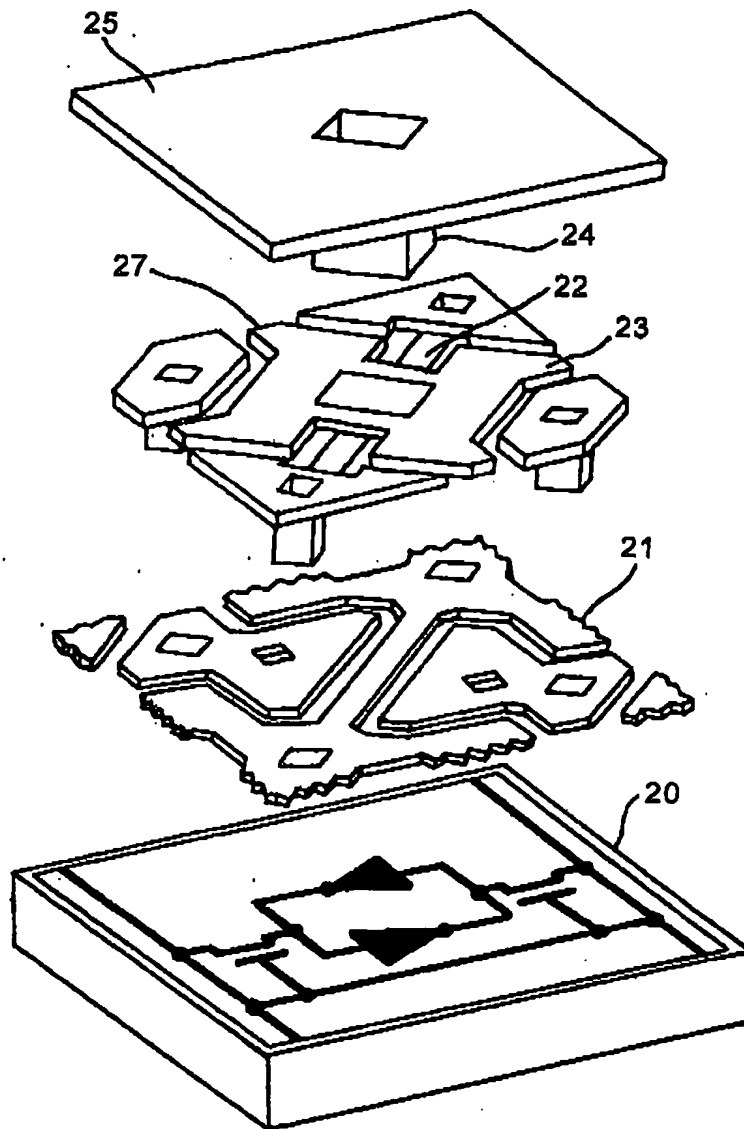


FIG.7



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FIG.8

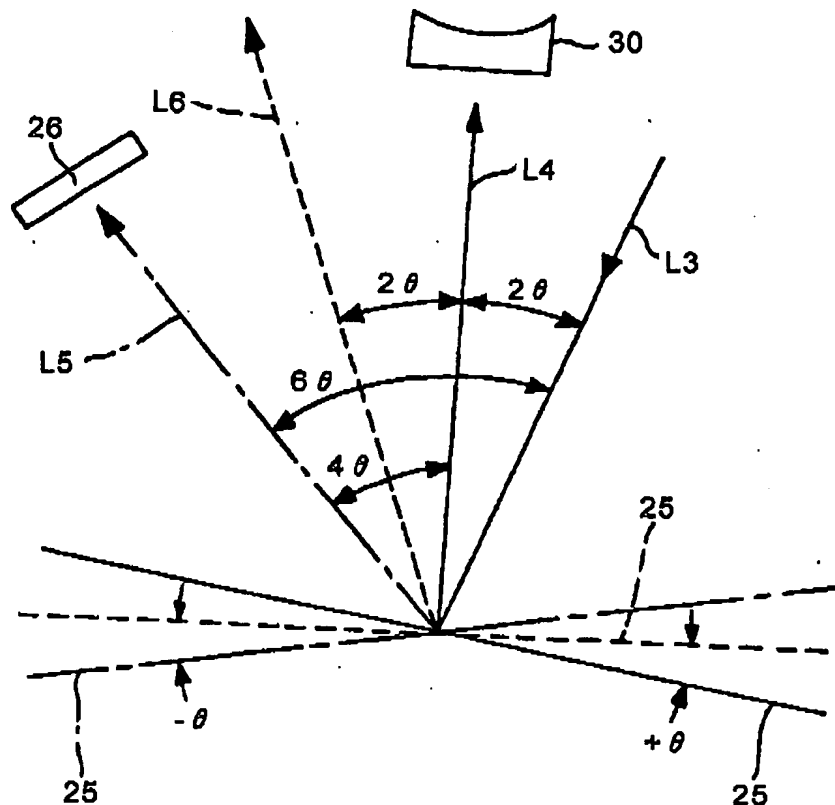


FIG.9

POSITIONS OF PIXELS IN X DIRECTION

→

(x,y)

	0	1	2	3	4	-----
0	(0,0)	(1,0)	(2,0)	(3,0)	(4,0)	-----
1	(0,1)	(1,1)	(2,1)	(3,1)	(4,1)	-----
2	(0,2)	(1,2)	(2,2)	(3,2)	(4,2)	-----

↓

POSITIONS OF PIXELS IN Y DIRECTION

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FIG.10

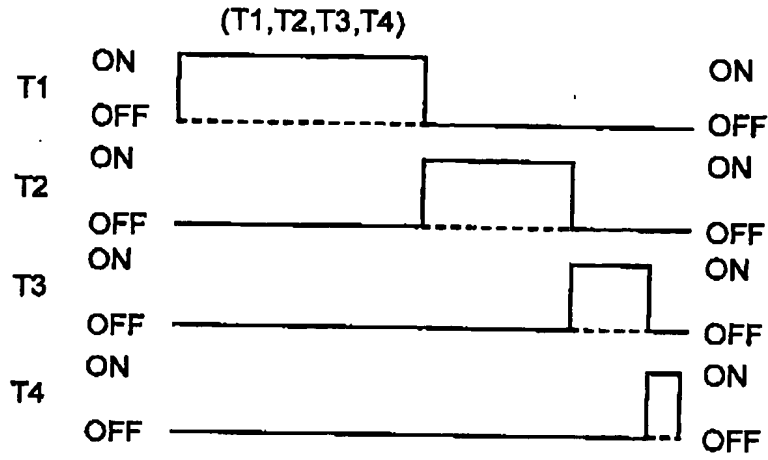
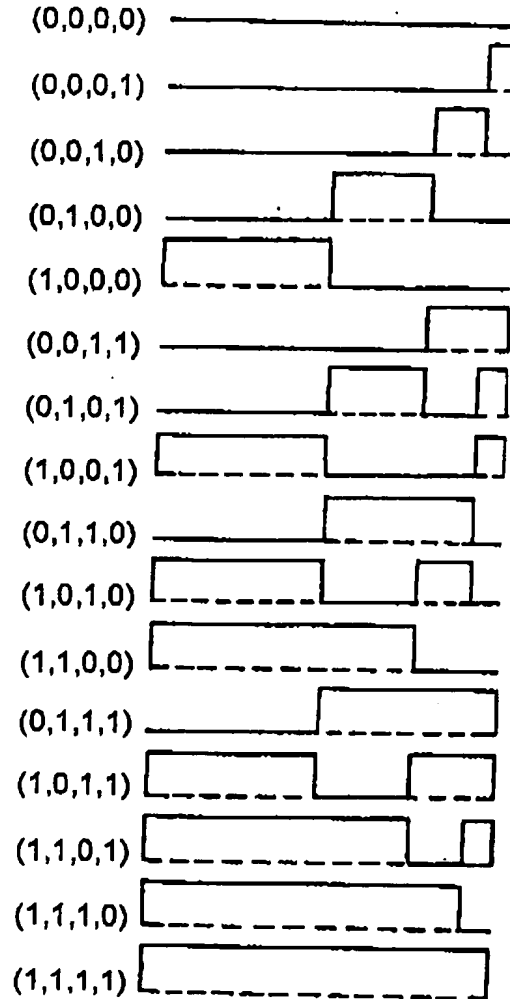


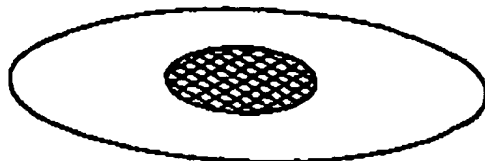
FIG.11



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FIG.12

1.LIGHT DISTRIBUTION DATA FOR GENERAL ROAD,
STRAIGHT ROAD, IN HIGH BEAM



2.LIGHT DISTRIBUTION DATA FOR GENERAL ROAD,
STRAIGHT ROAD, IN LOW BEAM



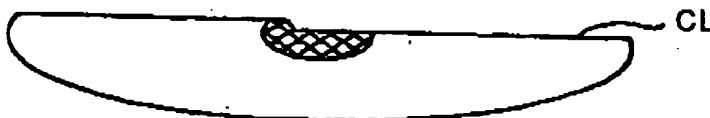
3.LIGHT DISTRIBUTION DATA FOR URBAN DISTRICT,
STRAIGHT ROAD, IN LOW BEAM



4.LIGHT DISTRIBUTION DATA FOR SUPERHIGHWAY,
STRAIGHT ROAD, IN LOW BEAM

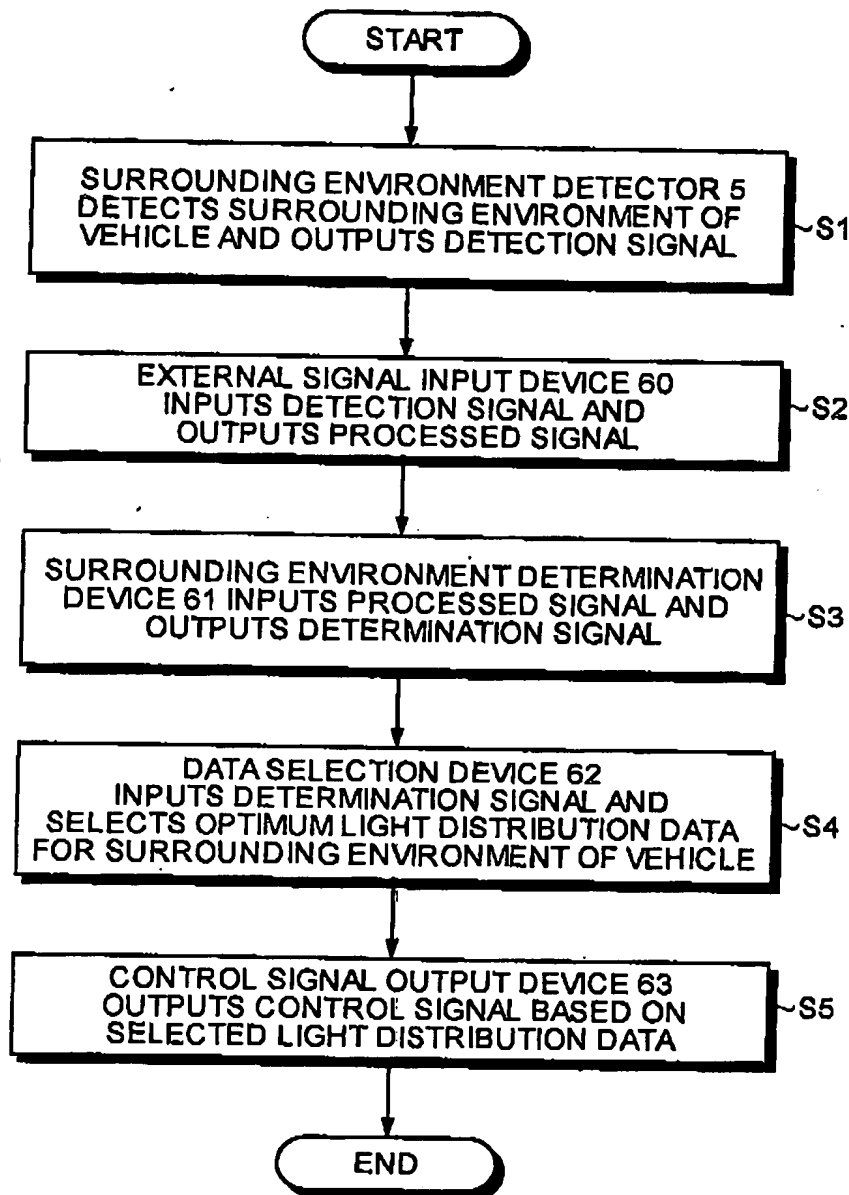


5.LIGHT DISTRIBUTION DATA FOR SUPERHIGHWAY,
CURVED ROAD, IN LOW BEAM



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FIG.13



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FIG.14

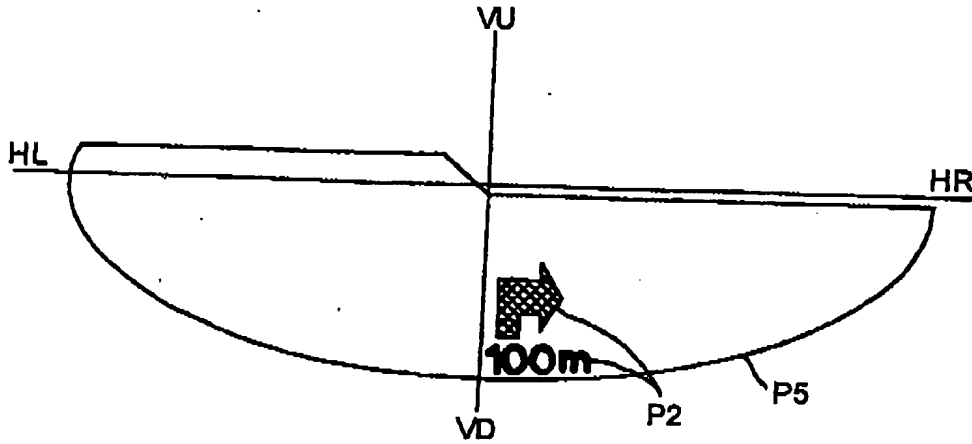
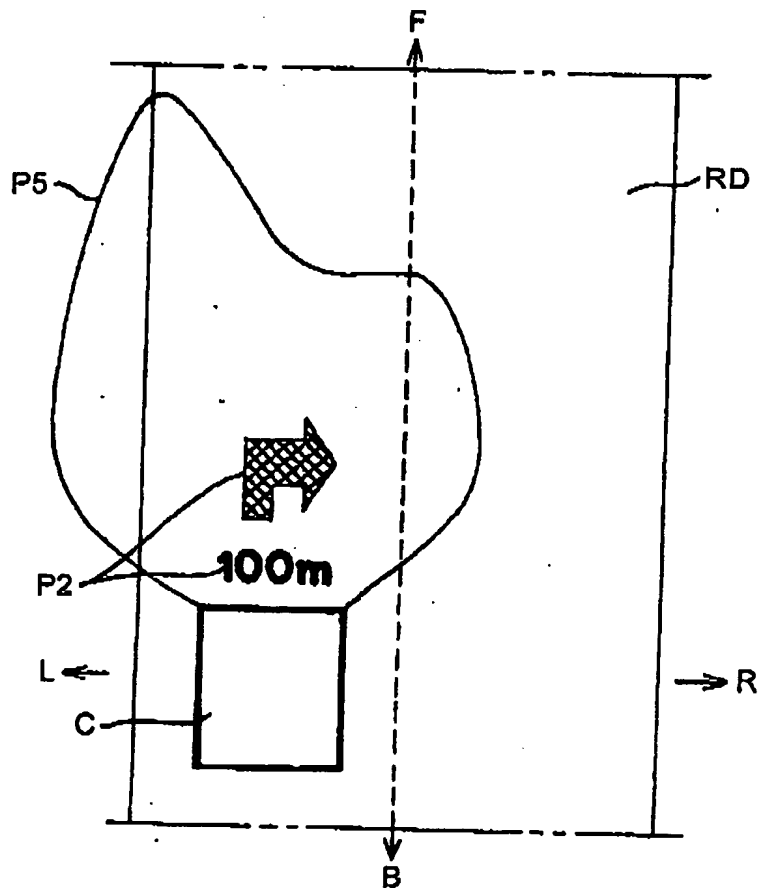


FIG.15



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FIG.16

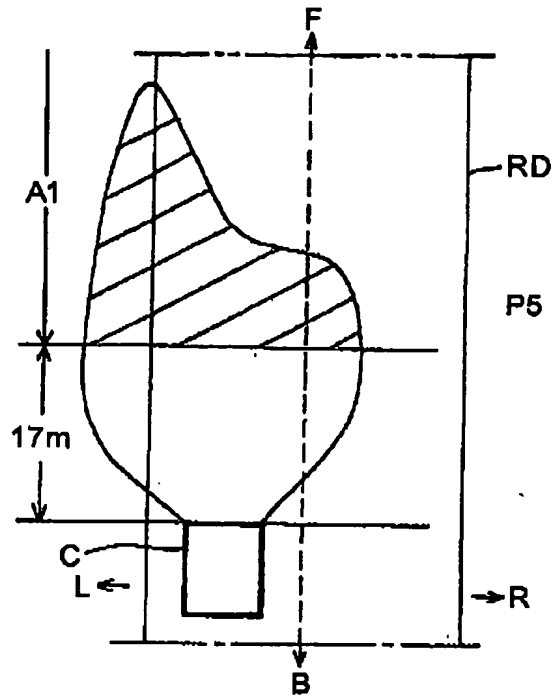
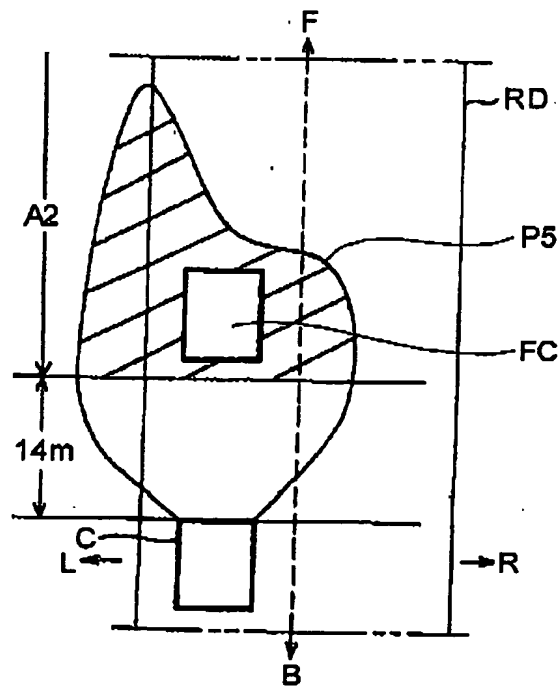


FIG.17



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FIG.18

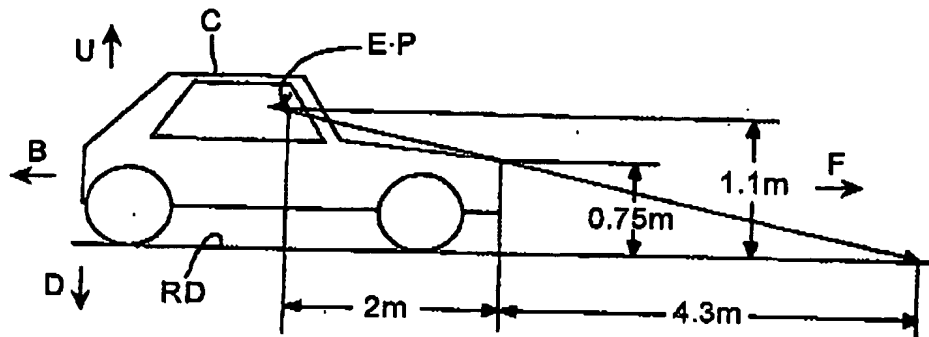
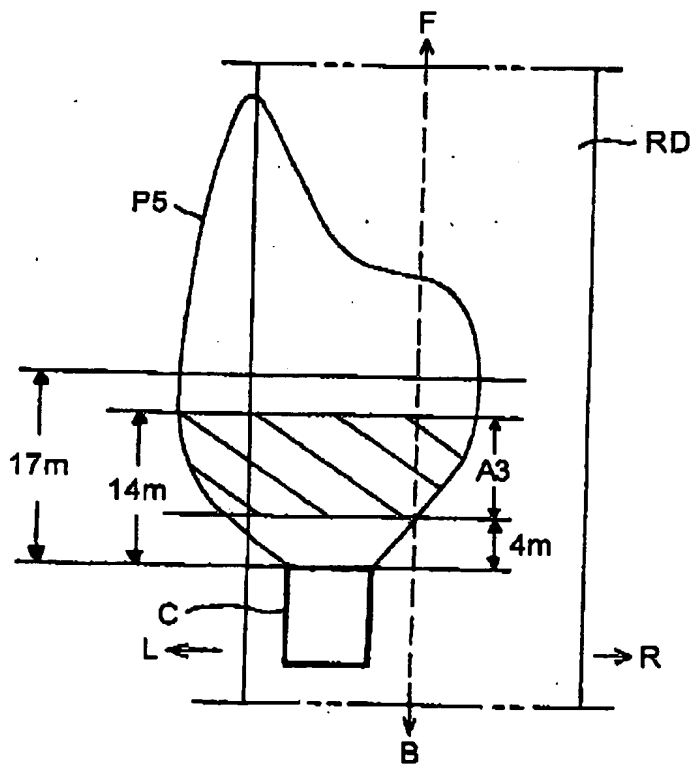


FIG.19



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FIG.20

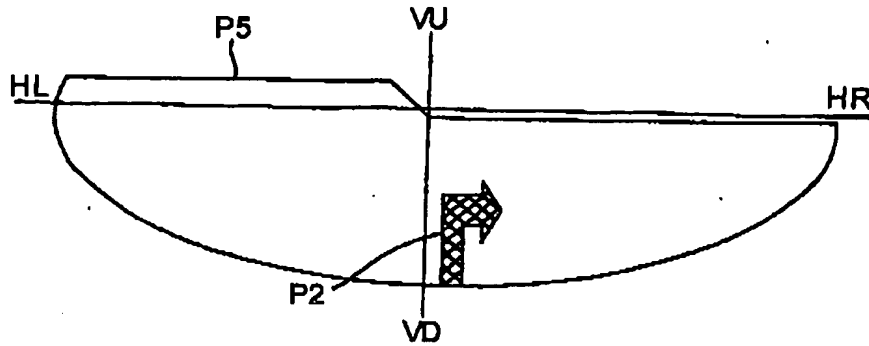


FIG.21

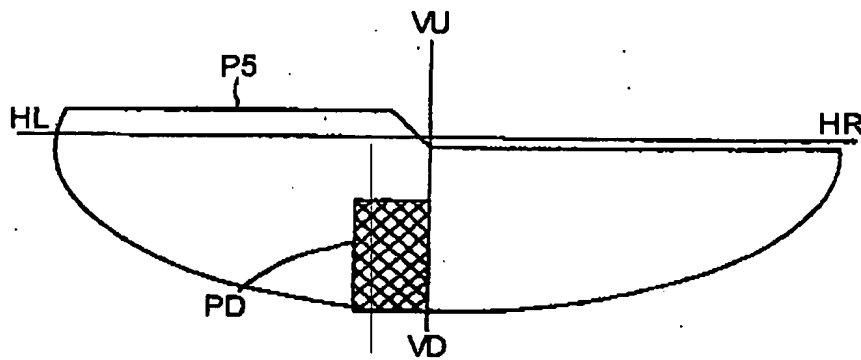


FIG.22

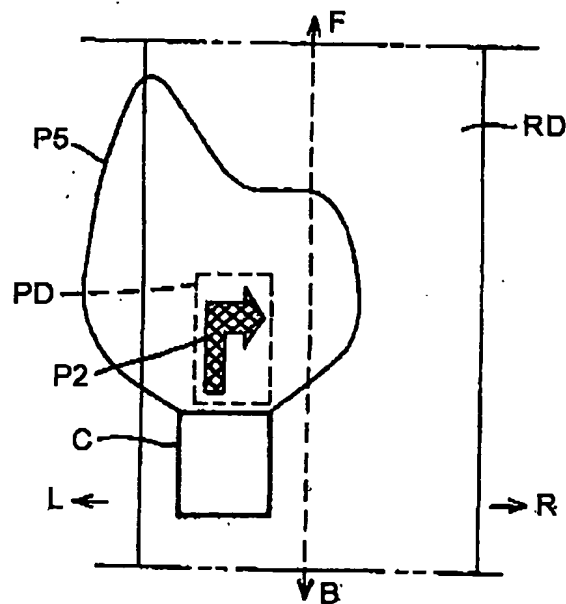


FIG.23

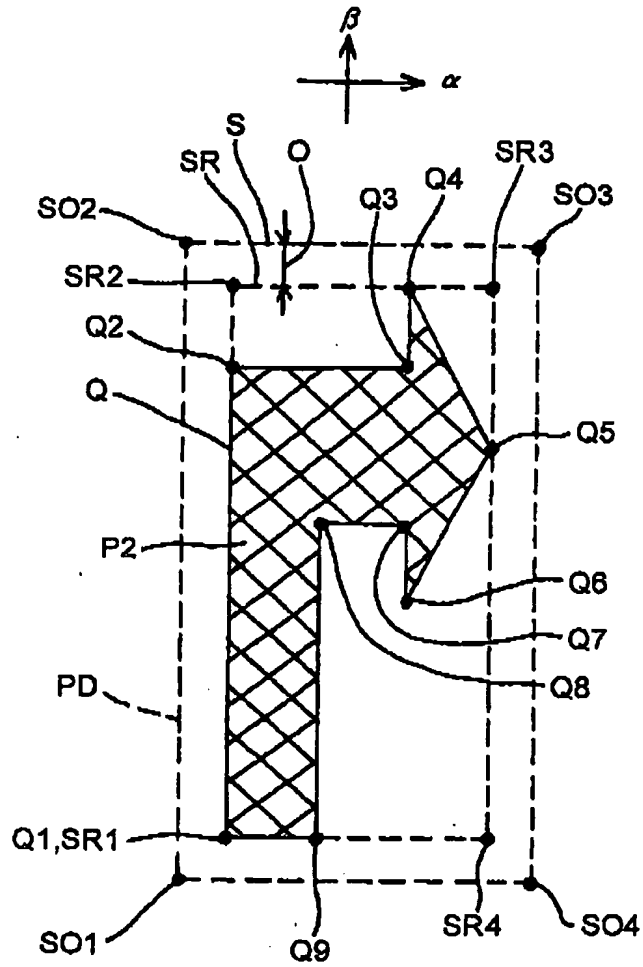


Diagram A illustrates a side view of a vehicle 10 on a road surface 12. A sensor unit 20 is mounted on the vehicle. A line of sight 30 extends from the sensor unit to a target point M1 on the road surface. The angle of the line of sight relative to the road surface is labeled RD.

Diagram B shows a side-view schematic of a vehicle. A sensor, labeled 'C', is positioned on the roof of the vehicle. A line connects sensor 'C' to a receiver, labeled 'M1', which is located to the right of the vehicle. Below the vehicle, a semi-circular arc is labeled 'RD', representing the road surface.

Diagram C shows a side view of a vehicle. A sensor unit, labeled 'C', is mounted on the roof. A sensor beam, labeled 'RD', is emitted from the sensor unit towards a target, labeled 'M1', which is represented by a shaded rectangular area.

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FIG.26

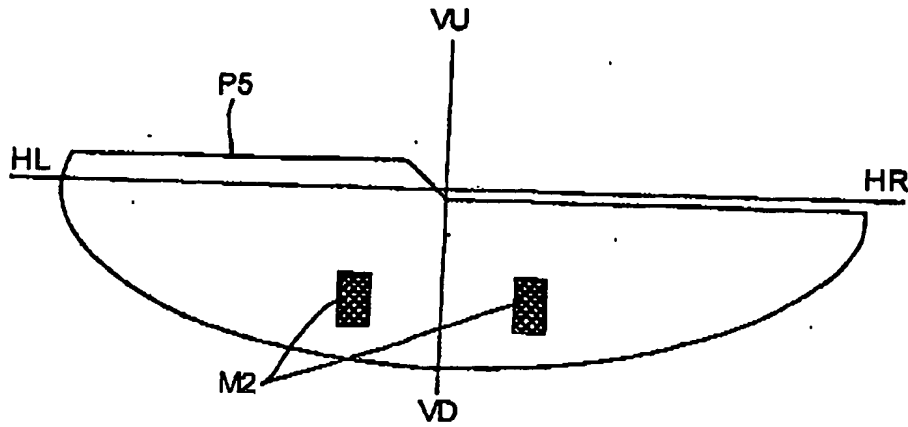


FIG.27

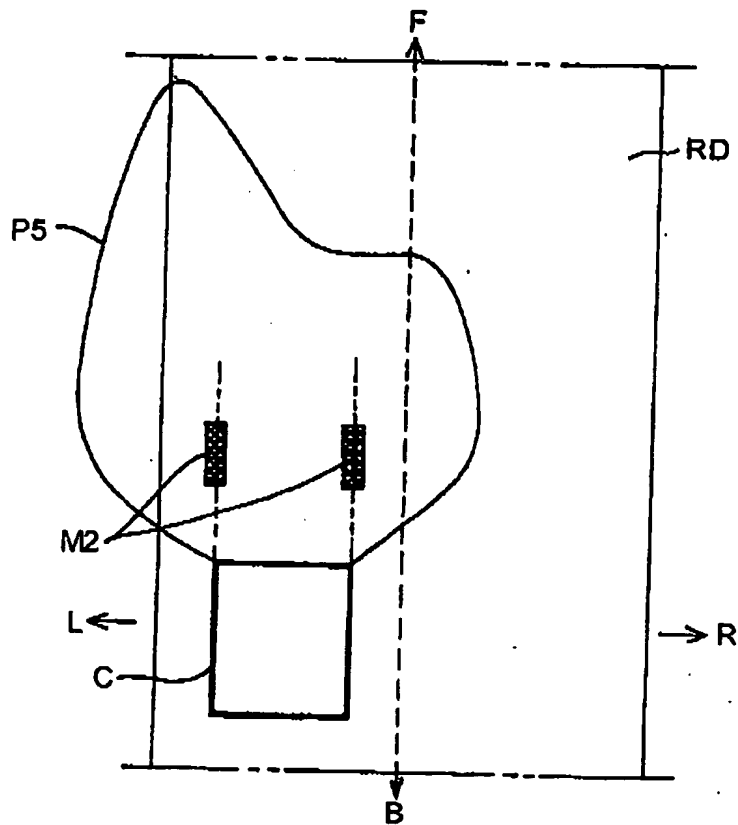


FIG. 28

